

I claim:

1. A method for quality and proficiency control in fecal blood testing, comprising the steps of:

providing an artificial mixture simulating human feces for testing that provides a positive test for occult hemoglobin;

testing such mixture along with other feces samples for occult blood; and  
utilizing said mixture as a control material when testing such feces samples.

2. A method for quality and proficiency control in fecal blood testing, comprising the steps of:

providing an artificial mixture simulating human feces for testing that provides a negative test for occult hemoglobin;

testing such mixture along with other feces samples for occult blood; and  
utilizing said mixture as a control material when testing such feces samples.

3. The method of Claim 1 wherein said artificial mixture further simulates the appearance, texture or odor, or any combination thereof, of human feces.

4. The method of Claim 2 wherein said artificial mixture further simulates the appearance, texture or odor, or any combination thereof, of human feces.

5. A composition for use in performing a fecal blood test as a quality control and proficiency test, said composition comprising:

artificial feces, said artificial feces comprising:

an aqueous base;

a thickening agent;

a stabilizer; and

a preservative, said composition yielding a negative test result.

6. A composition for use in performing a fecal blood test as a quality control and proficiency test, said composition comprising:

artificial feces, said artificial feces comprising:

an aqueous base;

a thickening agent;

a stabilizer;

a preservative; and

a peroxidase, said composition yielding a positive test result.

7. The composition of Claim 5 further comprising a coloring agent and/or an odorant.

8. The composition of Claim 6 further comprising a coloring agent and/or an odorant.

9. A composition for use in quality control and proficiency testing of fecal occult blood tests, comprising:

artificial feces, said artificial feces including:

an aqueous base material; and

a thickening agent.

10. The composition of Claim 9 further including at least one stabilizing agent.

11. The composition of Claim 10 further including at least one coloring agent.

12. The composition of Claim 11 further including at least one odorant.

13. The composition of Claim 12 further including at least one preservative.

14. The composition of Claim 13 further including a peroxidase-acting constituent consisting of 1 part human hemoglobin to 2.5 - 7.5 parts other peroxidase-acting constituents for yielding a positive test result for fecal occult blood.

15. The composition of Claim 14 wherein said other peroxidase-acting constituents consist of non-human hemoglobin.

16. A composition for yielding a negative test for fecal occult blood comprising:

an aqueous base;

thickening agents selected from the group consisting of polysaccharides, polypeptides and vegetable gums;

at least one stabilizer for preventing syneresis;

at least one preservative for providing resistance to bacterial and fungal attacks;

at least one coloring agent for mimicking the color of human feces;

a solution for facilitating the solution of any ingredients that may require such facilitation; and

at least one odorant for mimicking the odor of human feces.

17. A composition for yielding a positive test for fecal occult blood comprising:

an aqueous base;

thickening agents selected from the group consisting of polysaccharides, polypeptides and vegetable gums;

at least one stabilizer for preventing syneresis;

at least one preservative for providing resistance to bacterial and fungal attacks;

at least one coloring agent for mimicking the color of human feces;

a solution for facilitating the dissolution of any ingredients that may require such facilitation;

at least one odorant for mimicking the odor of human feces; and

a peroxidase.

18. The composition of Claim 17 wherein said peroxidase is human hemoglobin.

19. The composition of Claim 18 further including other peroxidase-acting constituents in the ratio of 1 part of said human hemoglobin to 2.5 - 7.5 parts other peroxidase-acting constituents.

20. The composition of Claim 19 wherein said peroxidase-acting constituents are non-human hemoglobin.

21. The composition of Claim 16 wherein said polysaccharide is 150 grams cornstarch, said polypeptide is 4.175 grams gelatin, said stabilizer is 166.8 ml pyrogenic silica; said coloring agents are 6.375 grams burnt sienna acrylic color and 5.375 grams burnt umber acrylic color, and said preservative is 5 grams sodium azide and wherein said ingredients are all dissolved or suspended in 1 liter of water.

22. The composition of Claim 17 wherein said polysaccharide is 150 grams cornstarch, said polypeptide is 4.175 grams gelatin, said stabilizer is 166.8 ml pyrogenic silica; said coloring agents are 6.375 grams burnt sienna acrylic color and 5.375 grams burnt umber acrylic color, and said preservative is 5 grams sodium azide and wherein said ingredients are all dissolved or suspended in 1 liter of water.

23. The composition of Claim 19 wherein said human hemoglobin is .333 gram and said non-human hemoglobin is 1.688 grams of bovine hemoglobin, said composition further including 100 mg of sodium bicarbonate for said facilitating of the dissolution of said hemoglobins.